

**WHAT IS CLAIMED IS:**

1. A portable communication device comprising:
  - a first housing;
  - 5 a second housing connected to the first housing so that the second housing is rotatable around a first hinge axis while facing a top surface of the first housing to allow movement toward or away from the first housing;
  - a third housing connected to the second housing so that the third housing is rotatable around the first hinge axis while facing the top surface of the first
  - 10 housing to allow movement toward or away from the first housing and is further rotatable around a second hinge axis;
  - a battery pack serving as a grip, the battery pack being connected to the first housing so that the battery pack is rotatable around a third hinge axis while facing a bottom surface of the first housing, to allow movement toward or away
  - 15 from the first housing; and
  - a sensing unit for sensing whether the battery pack is rotated.
2. The portable communication device of claim 1, wherein the first housing comprises:
  - 20 one or more keys and a microphone disposed near the first keys on the top surface of the first housing;
  - one or more second keys on a side surface of the first housing; and
  - a camera lens window and a lighting unit aligned with each other and disposed facing a front direction on a front surface of the first housing.
- 25 3. The portable communication device of claim 1, wherein the third housing includes a planar top surface and a bottom surface, the third housing comprising a speaker and a display disposed near the speaker on the bottom surface thereof.

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4. The portable communication device of claim 1, wherein the battery pack is plate-shaped.

5. A portable communication device comprising:

5 a first housing;

a second housing connected to the first housing so that the second housing is rotatable around a first hinge axis while facing a top surface of the first housing to allow movement toward or away from the first housing;

a third housing connected to the second housing so that the third housing  
10 is rotatable around the first hinge axis while facing the top surface of the first housing to allow movement toward or away from the first housing and is further rotatable around a second hinge axis, the second hinge axis being perpendicular to the first hinge axis and rotatable with respect to the first hinge axis along with the rotation of the third housing;

15 a battery pack serving as a grip, the battery pack being connected to the first housing so that the battery pack is rotatable around a third hinge axis while facing a bottom surface of the first housing to allow movement toward or away from the first housing, the third hinge axis being perpendicular to the first and second hinge axes; and

20 a sensing unit for sensing whether the battery pack is rotated.

6. The portable communication device of claim 5, wherein the first housing comprises:

a first protruding hinge arm, one or more keys disposed near the first  
25 hinge arm, and a microphone disposed near the first keys on the top surface of the first housing;

one or more second keys disposed on a side surface of the first housing;  
and

a camera lens window disposed near the first hinge arm and the third  
30 hinge axis, and a lighting unit disposed near the camera lens window, the camera

lens window and the lighting unit facing in a front direction on a front surface of the first housing.

7. The portable communication device of claim 5, wherein the second  
5 housing includes a planar top surface and a planar bottom surface, the second housing comprising a second hinge arm for defining the first hinge axis, a first slot formed in the vicinity of the second hinge arm, and a connecting arm integrated with the second hinge arm.

10 8. The portable communication device of claim 5, wherein the third housing includes a planar top surface and a bottom surface, the third housing comprising a speaker and a display disposed near the speaker on the bottom surface thereof.

15 9. The portable communication device of claim 5, wherein the battery pack comprises a second slot and is configured so that the battery pack is rotatable up to at or about 90° to at or about 100° around the third hinge axis, the rotation of the battery pack being restricted by a predetermined portion of the first housing.

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10. The portable communication device of claim 5, wherein the sensing unit comprises:

a magnet attached at a predetermined position on the battery; and

a sensor for detecting a field of the magnet and outputting a sensing  
25 signal according to the magnetic field detection.

11. A method of performing a call termination service in a camera operation mode set for photographing an object in a portable communication device having a first housing with at least one Hall sensor and a battery pack  
30 serving as a grip, having at least one magnet, and being connected to the first

housing, the method comprising the steps of:

discontinuing the camera operation mode when a communication is attempted during photographing and determining the state of the battery pack; and

- 5           activating a speaker phone and performing the call termination service if the battery pack is rotated.

12. The method of claim 11, wherein the step of determining the battery pack state comprises the steps of:

- 10           determining if the battery pack is not rotated by sensing if the magnet is within a range of the Hall sensor; and

            determining if the battery pack is rotated by sensing if the magnet is beyond a range of the Hall sensor.

- 15           13. A method of performing a call origination service in a camera operation mode set for photographing an object in a portable communication device, comprising the steps of:

discontinuing the camera operation mode, when a communication is attempted during photographing and determining whether the communication is  
20 related to a call termination service or a call origination service; and

            performing the call origination service, if the communication is related to the call origination service.